

MINOS Near Detector Installation

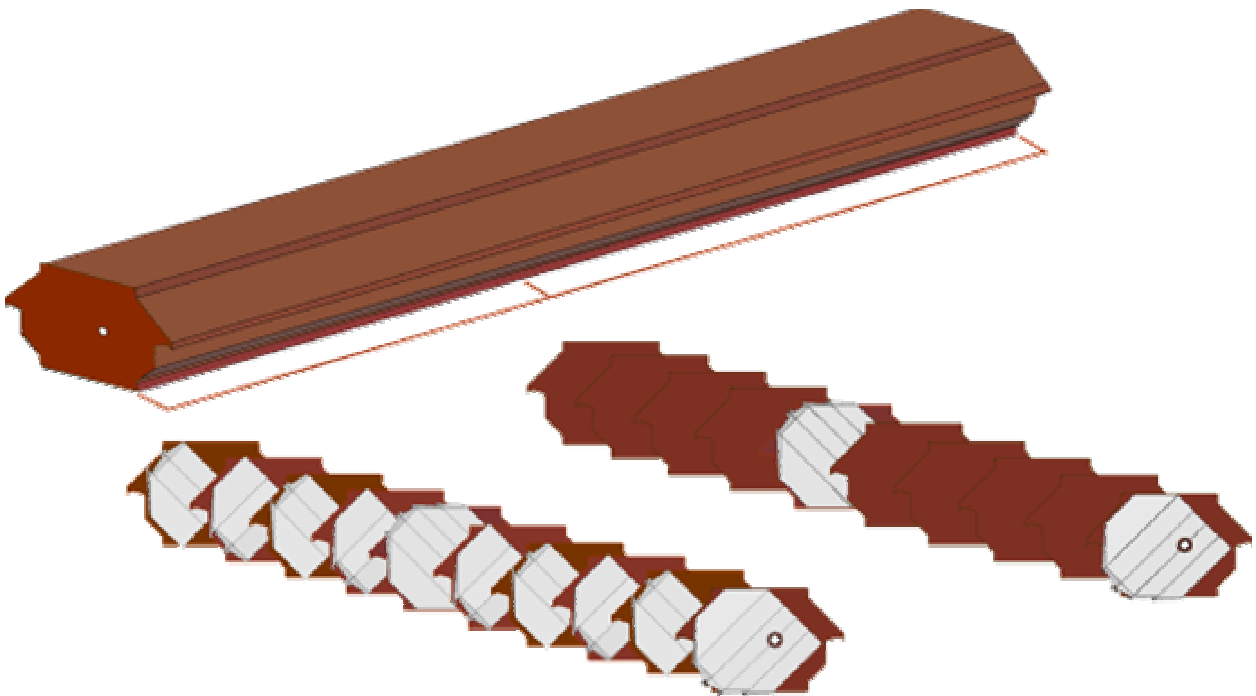
Milestones driving our planning :

- ◆ March 4 : Beneficial Occupancy of MINOS Service Building and Experimental Hall
- ◆ December 15 : Detector Ready for Neutrino Beam

282 Steel Planes

161 in “Spectrometer section” – every 5th instrumented
121 in “Calorimeter section” – all instrumented

Plan : Install 5 spectrometer planes per day (4 blank + 1 inst.);
 Install 2 calorimeter planes per day



Week of:

March 8 : Begin final phase of infrastructure installation

T&M Electrical (6 weeks)

Begin installation of equipment and tools needed for detector and absorber installation (PPD Techs)

March 22 : Set-up external crane to deliver large plane transport cart; deliver cart underground; bring down 1st plane to validated procedure; bring down 4 blank and 1 2nd instrumented to validate timing for 5 plane installation (PPD Tech Crew (5+1))

March 29 : Complete disassembly of the New Muon 9 (7) -plane test

April 5 : Deliver electronics racks underground (PPD Techs)

26 Front end electronics

8 Master Readout

1 Clock

2 High Voltage

3 DAQ

April 12 : Begin Plane Installation (5/day) (PPD Tech Crew (8+1)); continues for 8 weeks

April 19 : Begin DAQ Plane Commissioning (1/day)
(collaboration on evening shifts)

June 14 : Begin Plane Installation (2/day) (PPD Tech Crew (5+1)); continues until mid-October

October 18 : Begin Magnet coil installation; (PPD Tech Crew (3+1)); expected to take 4-5 weeks